

**From:** myIBFS  
**Sent:** Friday, August 12, 2011 8:27 AM  
**To:** Jerry Ma; Gerald Mays; Sarita Kale; Siva Appavu; Andrea Kelly; Stephen Duall; Kathryn Medley; CurTrisha Banks; Stephanie Shieh; Kathleen Campbell  
**Subject:** Pleadings and Comments Notification from MyIBFS

Type of Pleading: LETTER

Date filed: 08/12/2011

Filer Information:  
 John Smyser  
 DAAR Engineering, Inc.

Contact Information:

FILED/ACCEPTED  
 AUG 12 2011  
 Federal Communications Commission  
 Office of the Secretary

Proceedings List

File Number	Callsign	Applicant
SATMOD2010111800239	S2358	LightSquared Subsidiary LLC

No. of Copies rec'd 0  
 List ABCDE

The Honorable Julius Genachowski  
Chairman, Federal Communication Commission  
Room 8-B201  
445 12th Street, SW  
Washington, DC 20554

Subject: FCC File No. SAT-Mod-20101118-00239, LightSquared Subsidiary LLC Request for  
Modification of Its Authority for an Ancillary Terrestrial Component

Dear Mr. Genachowski:

As a GPS user, I am concerned that the subject proposal will interfere with GPS receiver operation. I am writing to ask that the GPS national utility remain free of impediments to operation for more than 75 million North American GPS users.

I urge the FCC to conduct technical interference analysis BEFORE granting a waiver to effectively allow a reallocation of spectrum use from mobile satellite space service to terrestrial wireless service that is adjacent to the band where GPS operates. Further, I urge the FCC to consider this request from LightSquared under the Notice of Proposed Rule-Making process initiated in ET Docket No. 10-142 to ensure adequate opportunity for public comment.

This is not simply a "turf war" over spectrum allocation. It is a public safety issue. The LightSquared proposal is likely to result in an unreliable GPS signal, with the following effects:

- Inability of emergency responders to effectively answer calls;
- Loss of pilots' primary means of navigation during a final approach to landing while in instrument conditions;
- Disruption of training exercises for military service members who routinely use commercial GPS systems; and
- Loss of the precise timing provided by GPS which is essential for operation of the financial system, power grid network synchronization, and cellular telephone system synchronization and cost accounting.

Furthermore, the U.S. GPS constellation is currently undergoing an \$8 billion upgrade. Approval of the LightSquared proposal without adequate testing will result in a poor return on this huge taxpayer investment.

Respectfully,

John M. Smyser